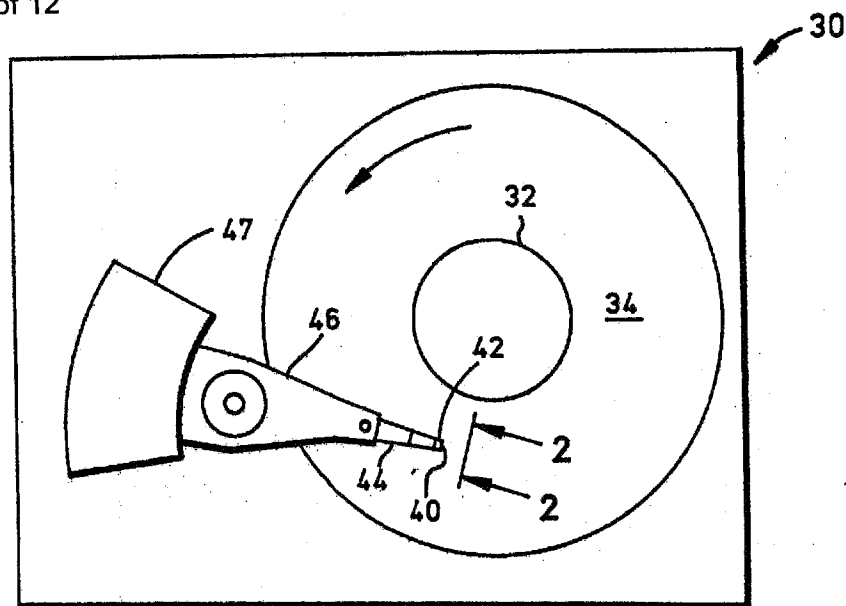


Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A  
WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE

Applicant: Quang Le

Docket: HSJ920030011US2/HITG.074CIP1

Sheet 1 of 12



**FIG. 1**  
**(PRIOR ART)**

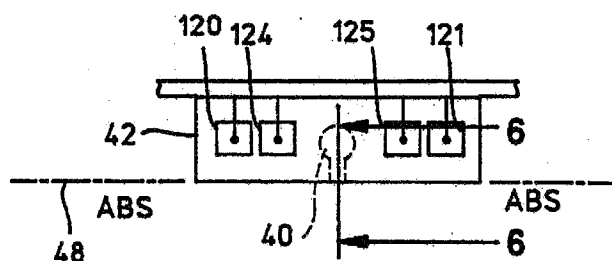
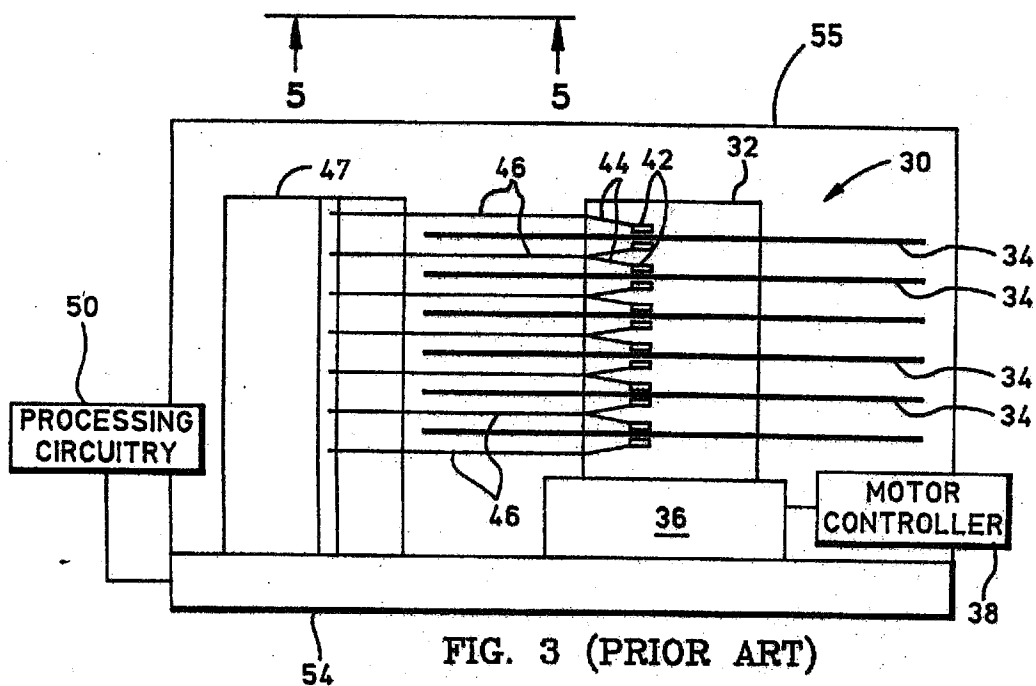


FIG. 2  
(PRIOR ART)



Title: A PERPENDICULAR RECORDING MAGNETIC  
HEAD WITH A WRITE SHIELD MAGNETICALLY  
COUPLED TO A FIRST POLE PIECE

Applicant: Quang Le

Docket: HSJ920030011US2/HITG.074CIP1

Sheet 2 of 12

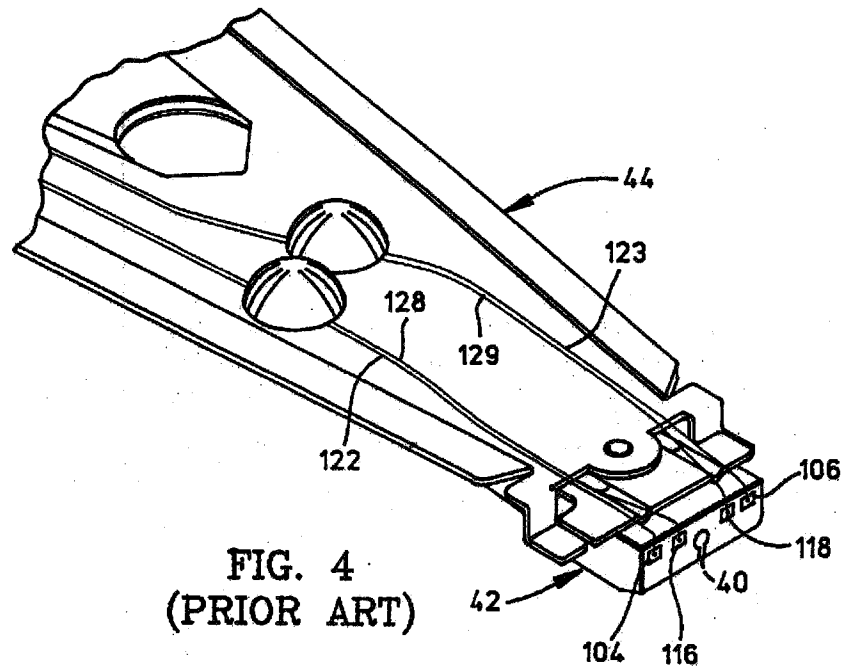


FIG. 4  
(PRIOR ART)

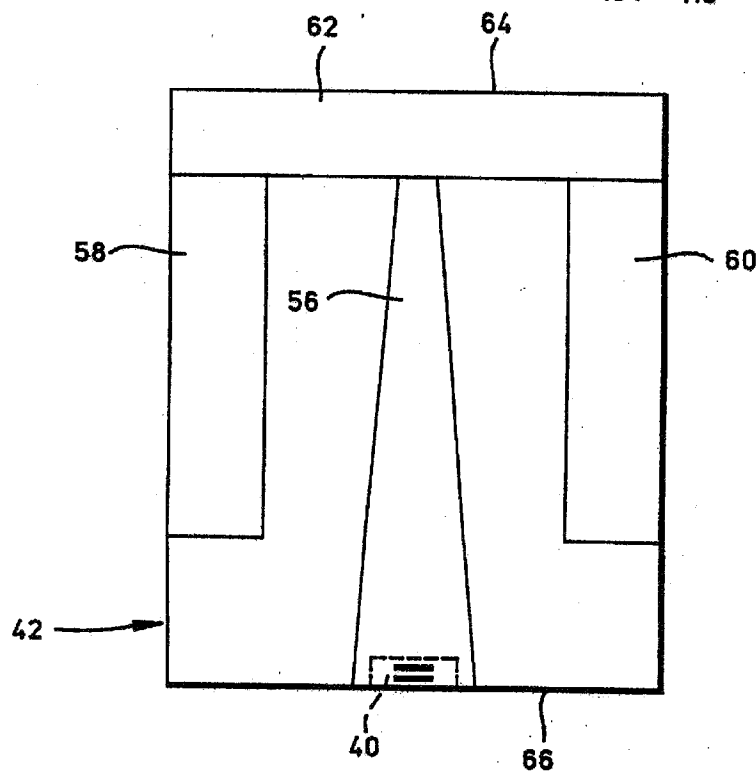


FIG. 5 (PRIOR ART)

**Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE**

**Applicant: Quang Le**

Docket: HSJ920030011US2/HITG.074CIP1

Sheet 3 of 12

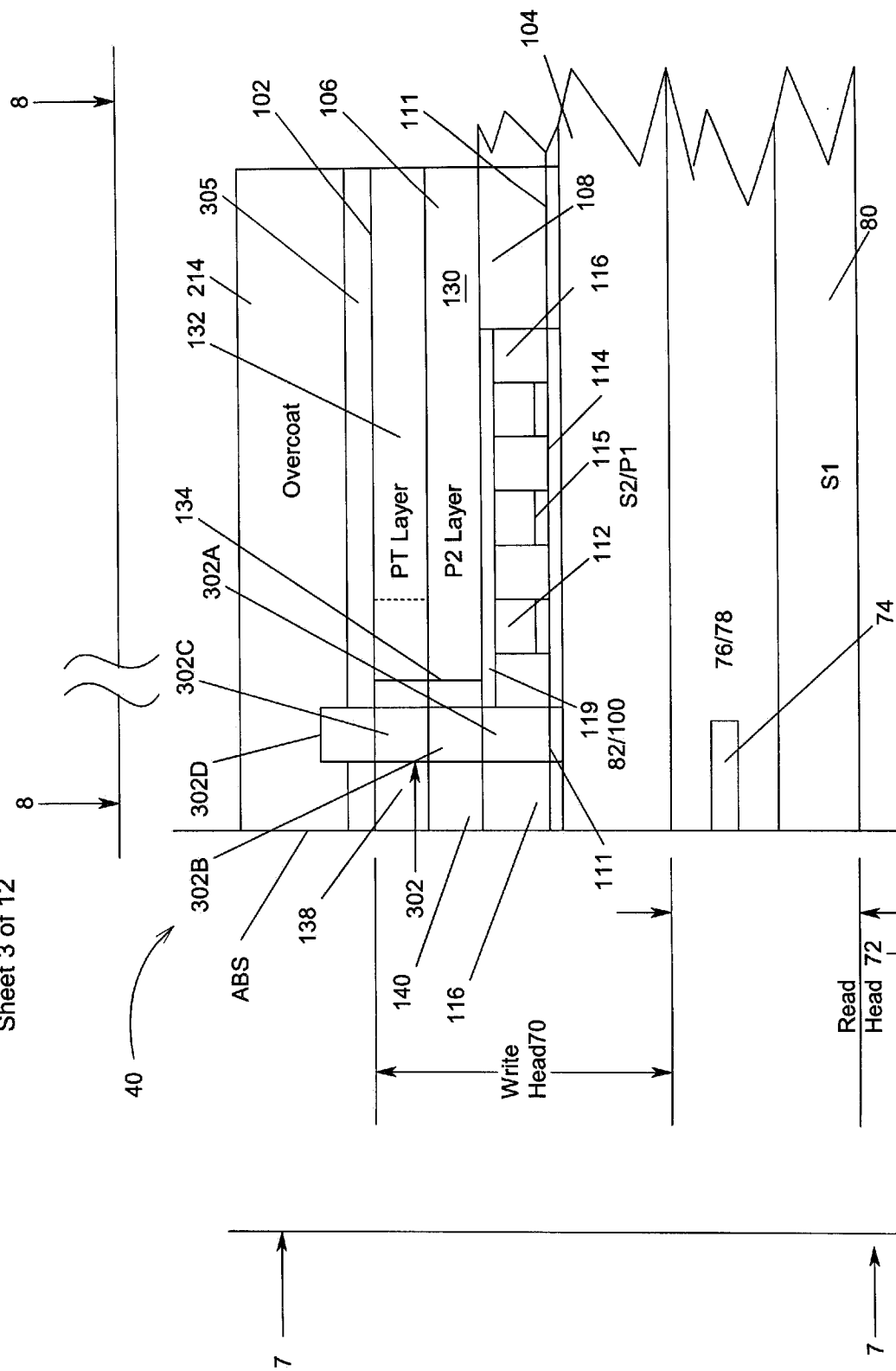


Fig. 6

**Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE**

**Applicant: Quang Le**

Docket: HSJ920030011US2/HITG.074CIP1

Sheet 4 of 12

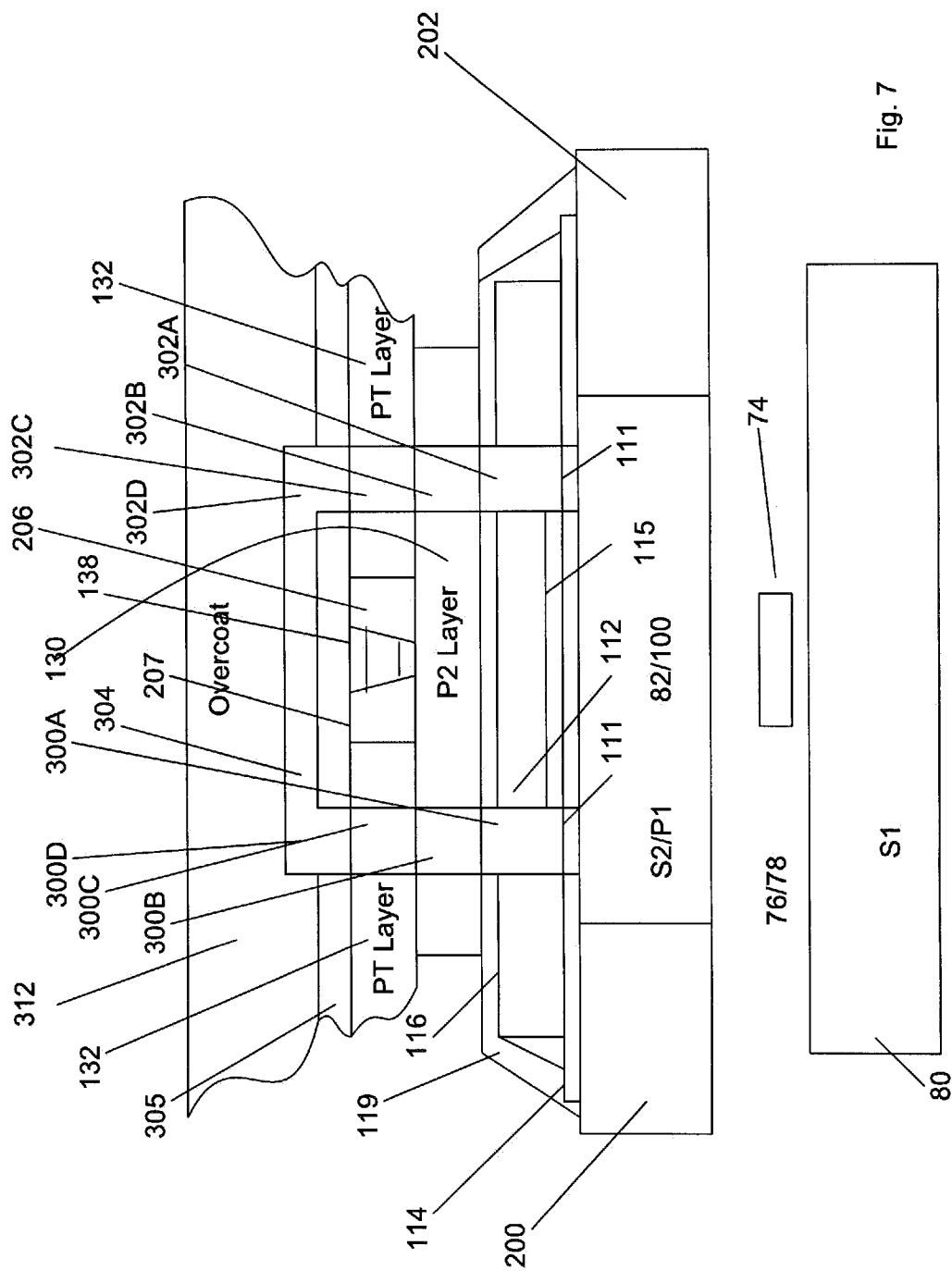


Fig. 7

Title: A PERPENDICULAR RECORDING MAGNETIC  
HEAD WITH A WRITE SHIELD MAGNETICALLY  
COUPLED TO A FIRST POLE PIECE

Applicant: Quang Le

Docket: HSJ920030011US2/HITG.074CIP1

Sheet 5 of 12

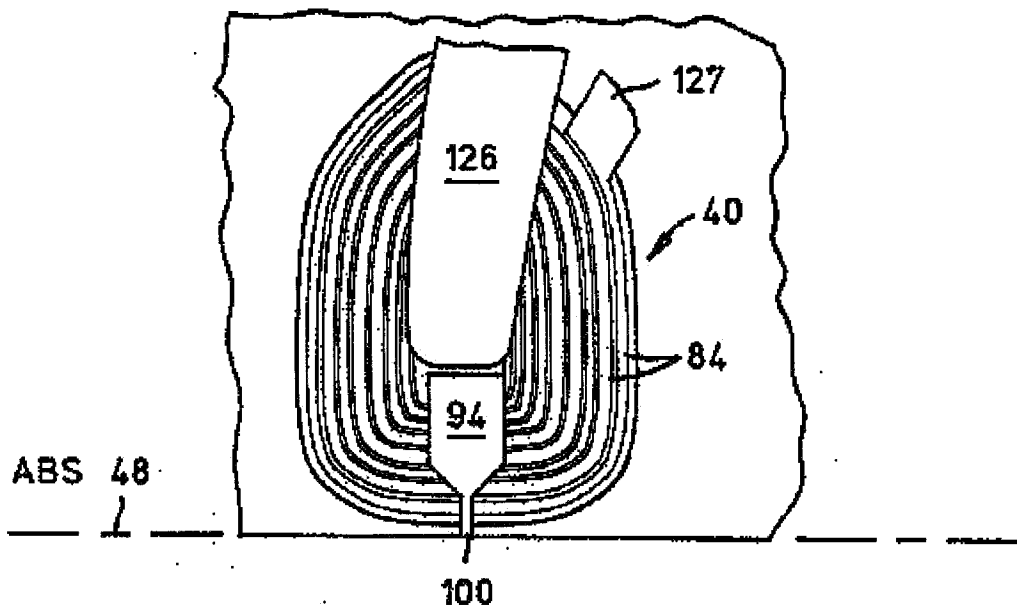


FIG. 8

Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A  
WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE

Applicant: Quang Le

Docket: HSJ920030011US2/HITG.074CIP1

Sheet 6 of 12

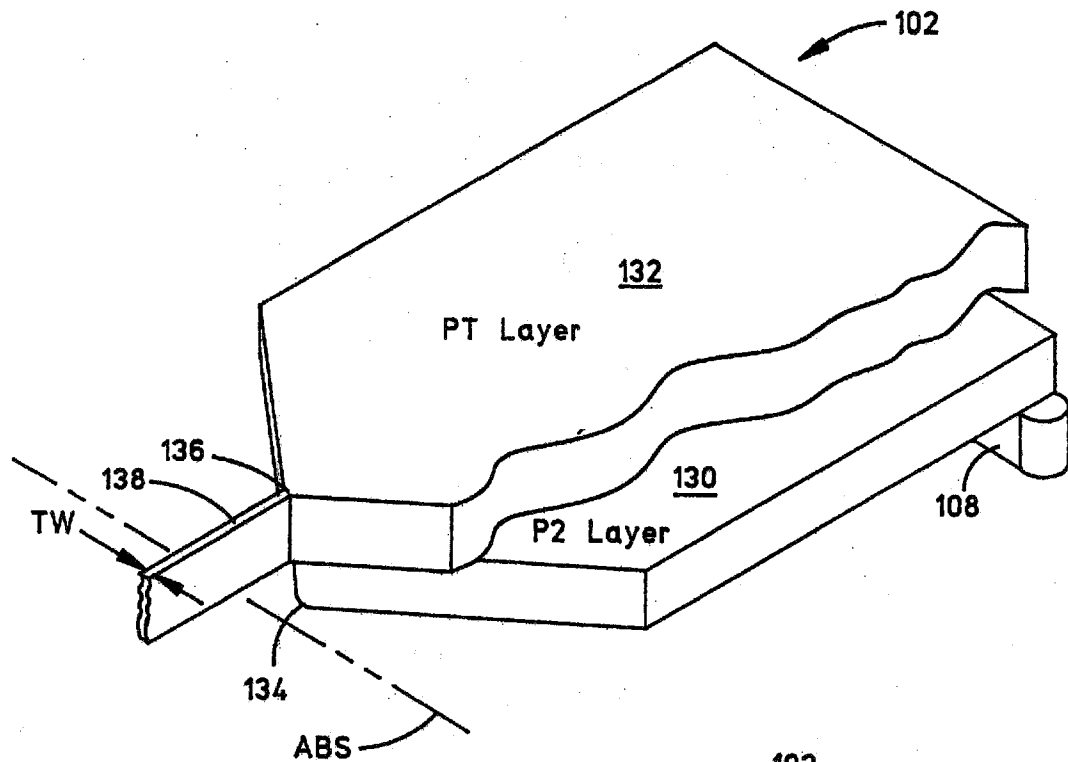


FIG. 9

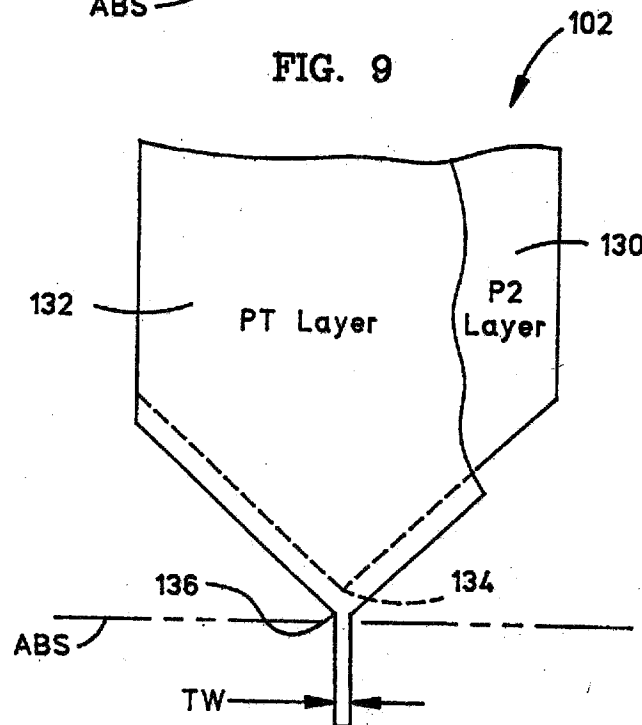
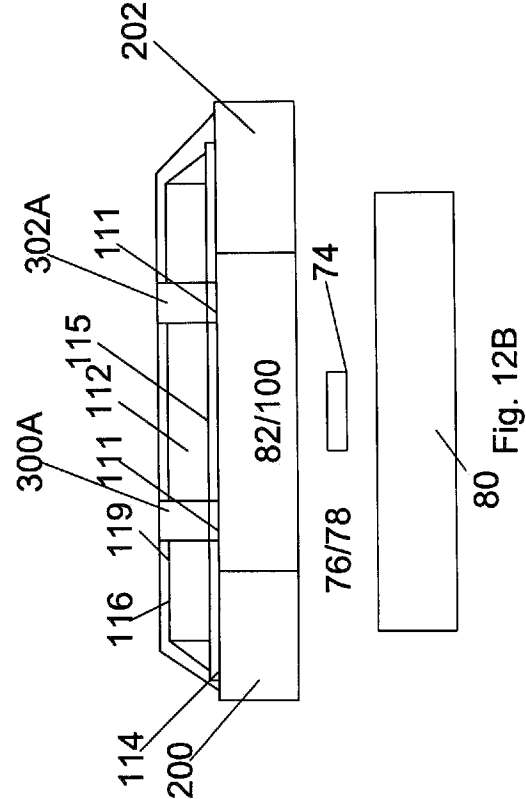
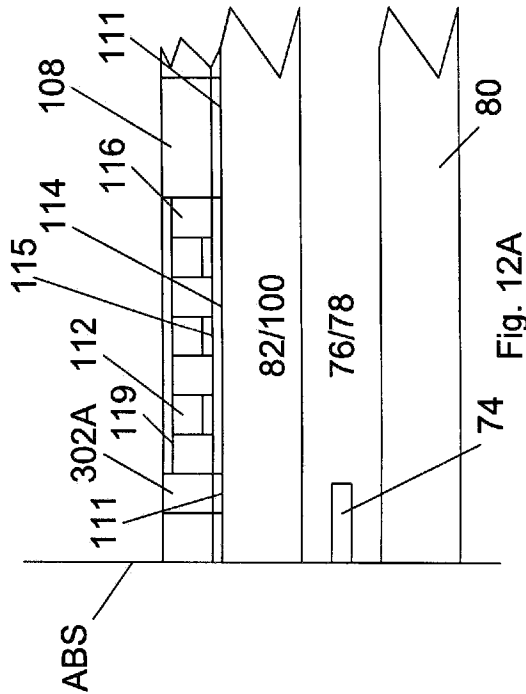
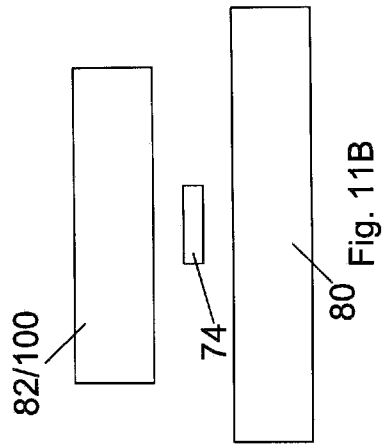
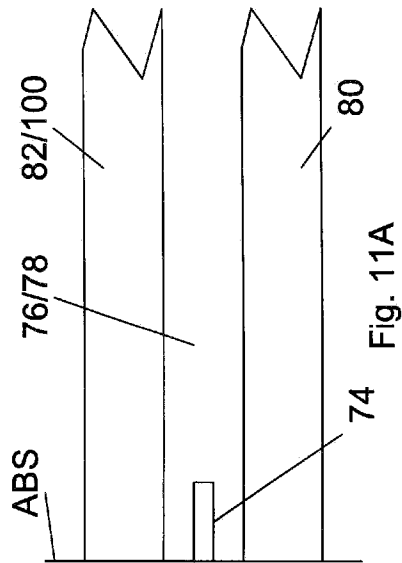


FIG. 10

Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A  
WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE  
Applicant: Quang Le  
Docket: HSJ920030011US2/HITG.074CIP1  
Sheet 7 of 12



Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A  
WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE

Applicant: Quang Le  
Docket: HSJ920030011US2/HITG.074CIP1  
Sheet 8 of 12

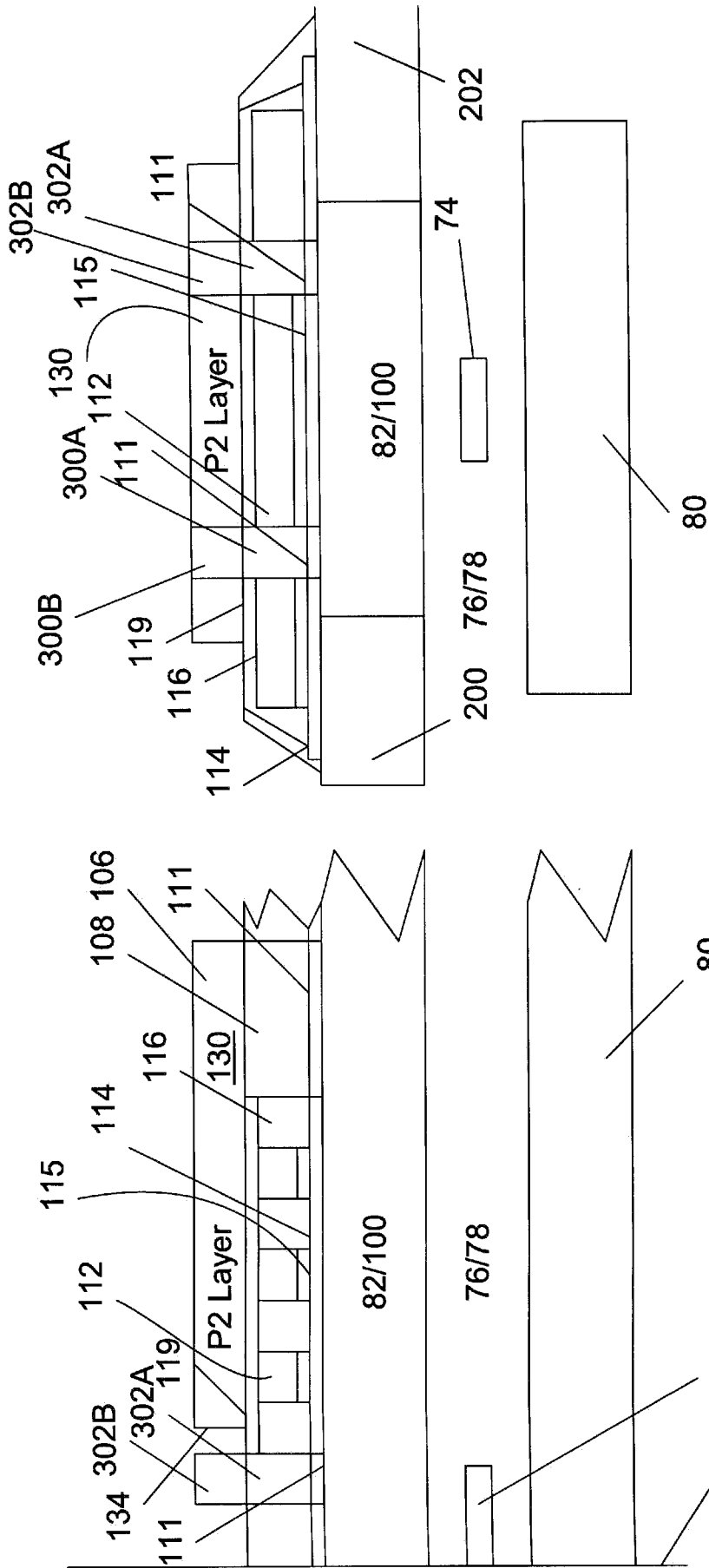


Fig. 13B

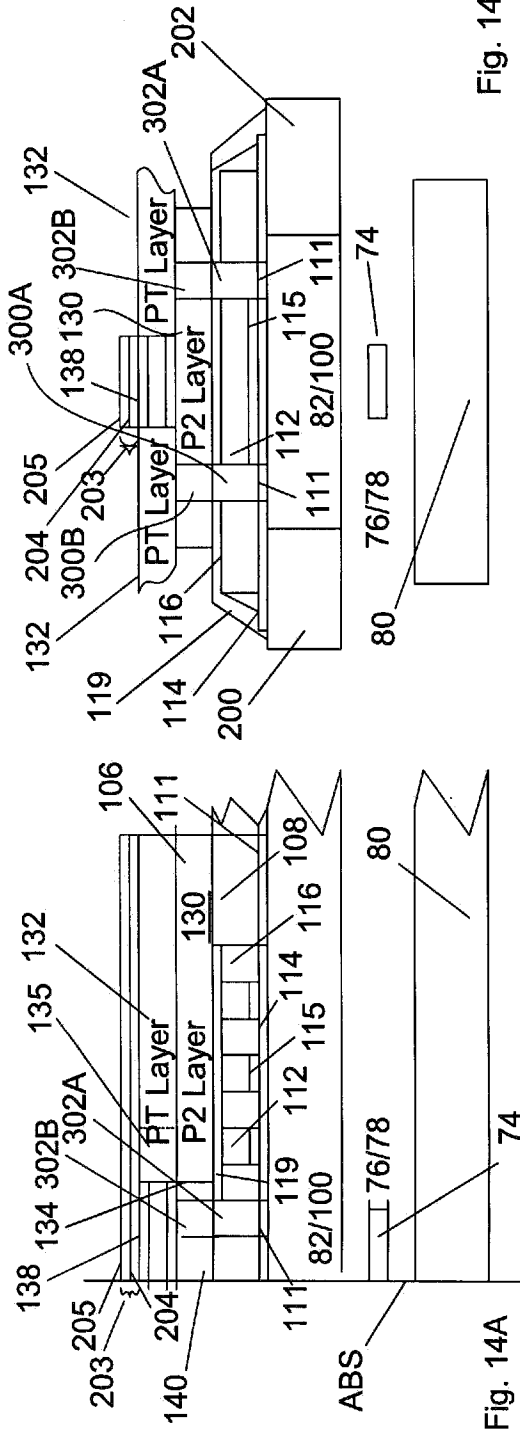
Fig. 13A

**Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE**

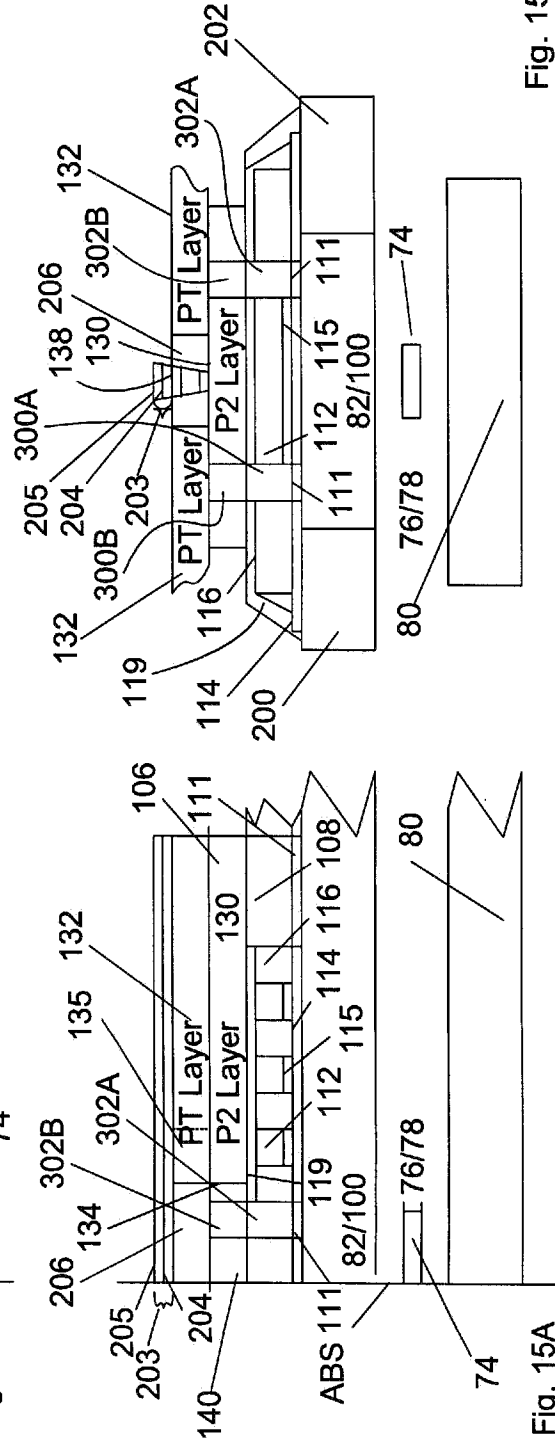
**Applicant: Quang Le**

Docket: HJSJ920030011US2/HITG.074CIP1

Sheet 9 of 12



**Fig. 14B**



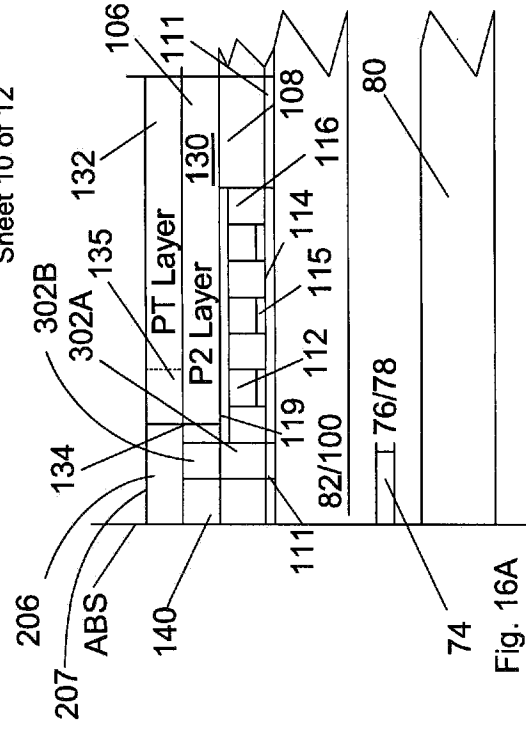
**Fig. 15B**

**Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE**

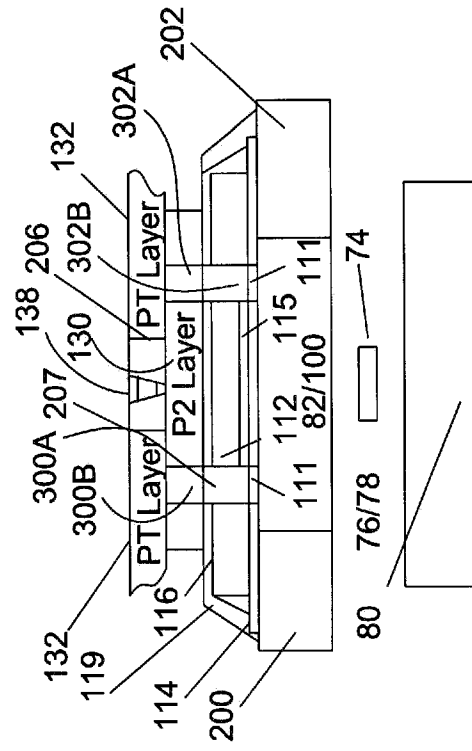
**Applicant: Quang Le**

Docket: HJSJ920030011US2/HITG.074CIP1

Sheet 10 of 12



**Fig. 16A**



**Fig. 16B**

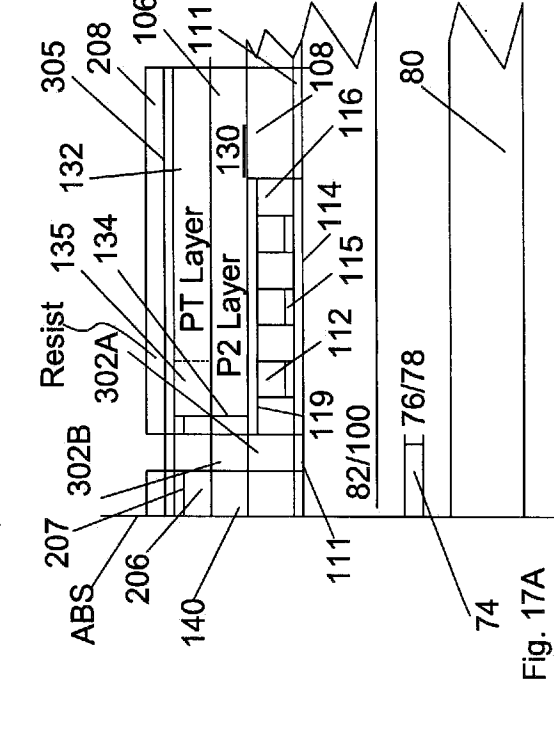
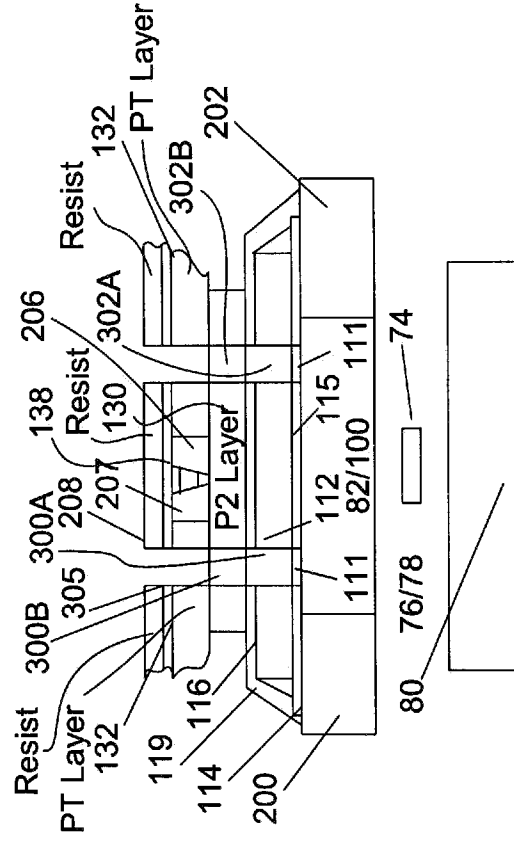
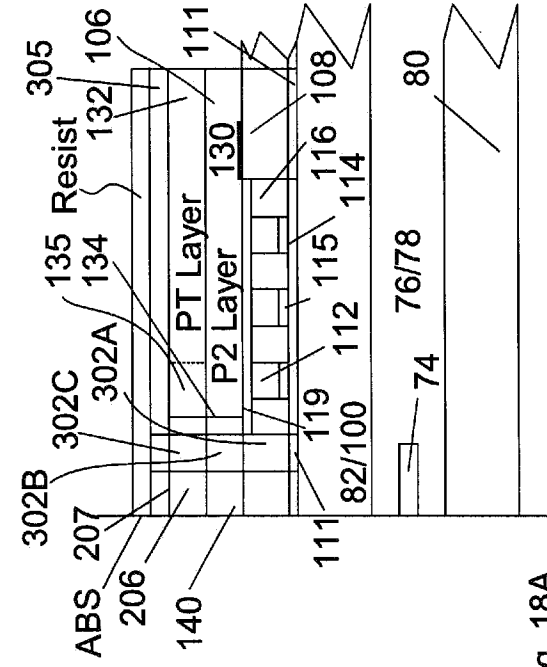


Fig. 17A

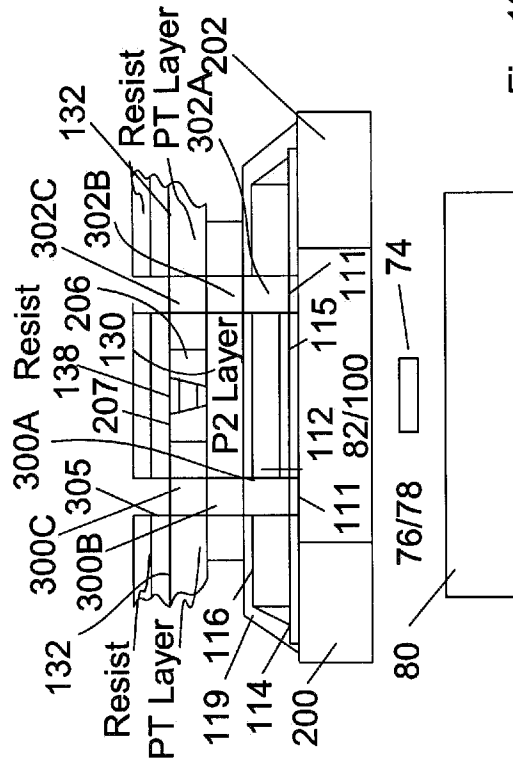


**Fig. 17B**

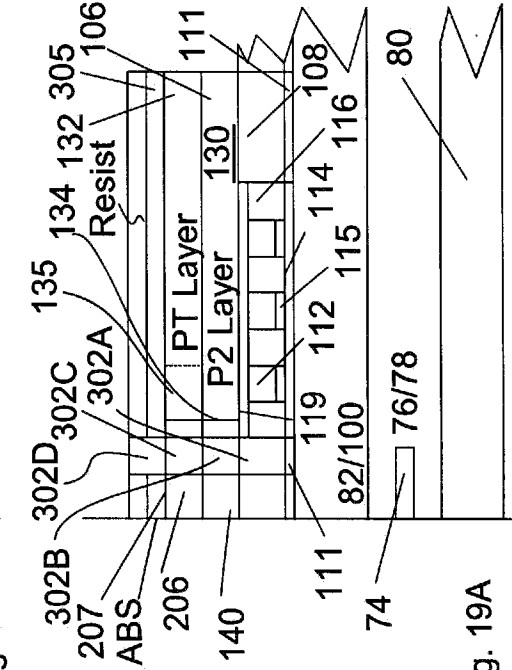
Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A  
WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE  
Applicant: Quang Le  
Docket: HSI920030011US2/HITG.074CIP1  
Sheet 11 of 12



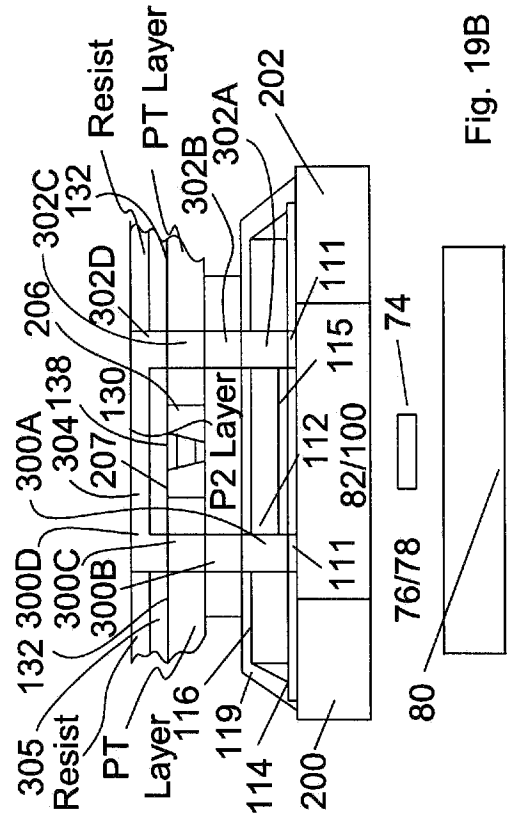
**Fig. 18A**



**Fig. 18B**



**Fig. 19A**



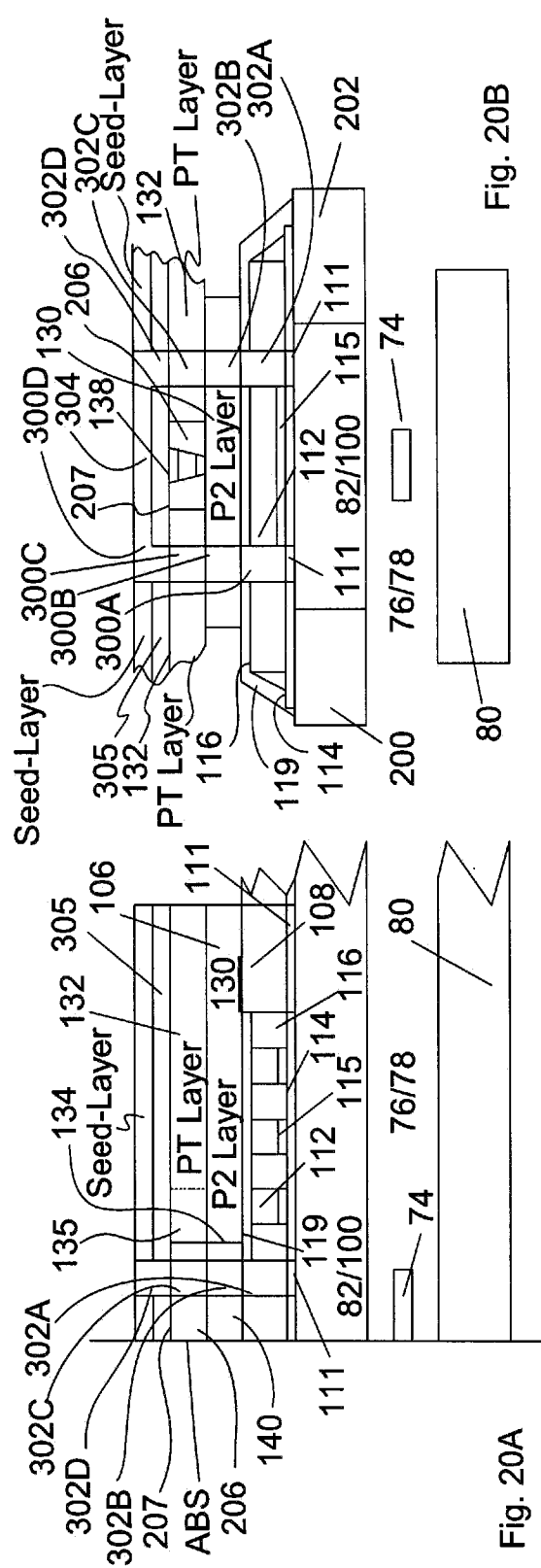
**Fig. 19B**

**Title: A PERPENDICULAR RECORDING MAGNETIC HEAD WITH A WRITE SHIELD MAGNETICALLY COUPLED TO A FIRST POLE PIECE**

**Applicant:** Quang Le

Docket: HSJ920030011US2/HITG.074CIP1

Sheet 12 of 12



**Fig. 20A**

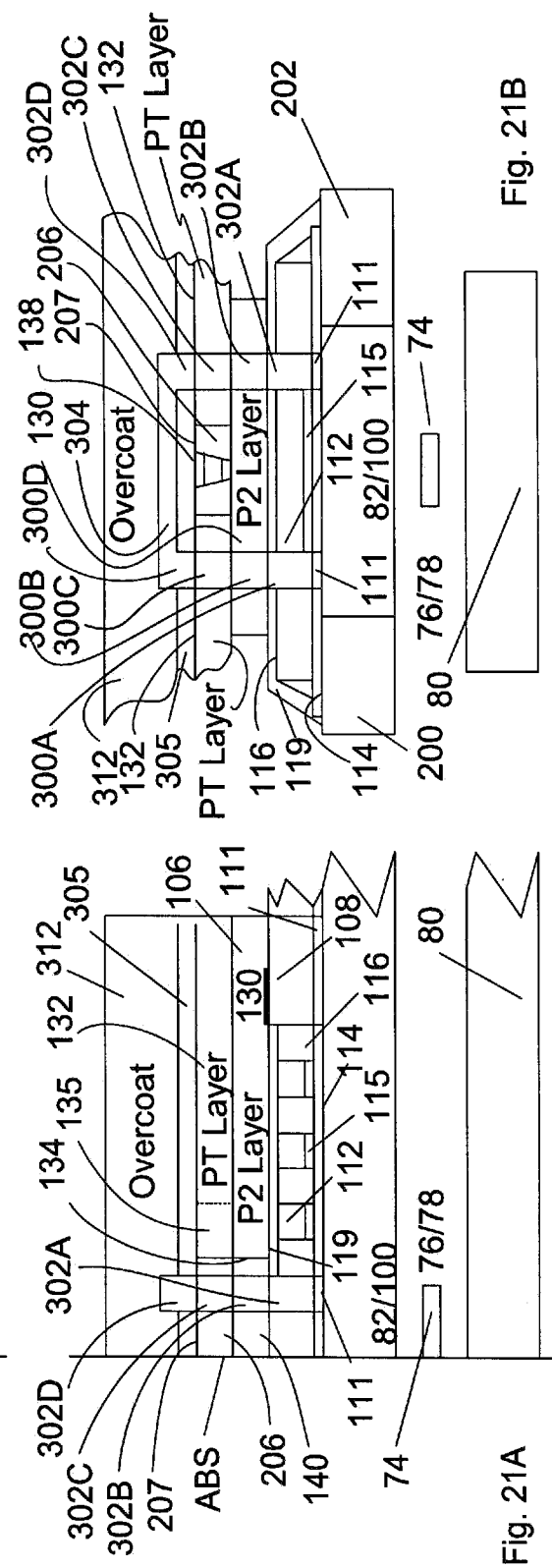


Fig. 21A